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A Rohrbach, EHK Stelzer - Journal of Applied Physics, 2002 - link.aip.org

... For all **aperture** radii the shape of the curves ... to In the axial direction the **detection** signal is ... a linear dependency between signal and particle **position** is no ...Cited by 53 - [Related articles](#) - BL Direct - All 11 versions[Ultra-wide-band synthetic-aperture radar for mine-field detection](#)

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... of the extraction **apertures** are identified using the average spatial profiles, they do not represent the true **position** of the spectrum on the **detector** at any ...Cited by 184 - [Related articles](#) - BL Direct - All 8 versions[... study of detection of a dipole emitter through an objective with high numerical aperture](#)

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... **aperture** area yields the energy flux through the **aperture**, which is a direct measure of the **detection** efficiency for the given dipole **position** and orientation. ...Cited by 62 - [Related articles](#) - BL Direct - All 10 versions[\[PDF\] •Construction of multiple-beam optical traps with nanometer-resolution position sensing](#)

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... gradient force traps, because the objective **aperture** must be ... on the optical axis in a **position** that is ... the active area of our photodiode **detector** is somewhat ...Cited by 163 - [Related articles](#) - View as HTML - All 4 versions[A prototype coded aperture detector for small animal SPECT- •uow.edu.au \[PDF\]](#)

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... A. Coded **Aperture Detector** The **detector** comprises a ... crystal array is directly coupled to a Hamamatsu R3941 8 cm square **position** sensitive photomultiplier ...Cited by 55 - [Related articles](#) - BL Direct - All 9 versions

**Position detection apparatus**

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... A first passing through the **aperture** 233 toward an ... and means for detecting the **position** of said ... of said diffraction grating, said **detection** means including ...

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... The spatial resolution of the **detector** is estimated by ... spectra are measured for different **positions** of the film ... The object to **aperture** separation is ~10  $\mu$ m ...

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